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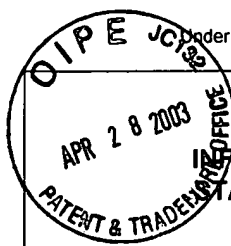


PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

Application Number	10/036,700
Filing Date	12/31/2001
First Named Inventor	Carl M. Panasik, et al.
Group Art Unit	3662
Examiner Name	TBD
Attorney Docket No.	TI-33829

Sheet	1	of	2
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U.S. PATENT DOCUMENTS

Exam. Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JMB	AA	4,555,707		Connelly	11/26/1985	
	AB	4,652,884		Starker	03/24/1987	
	AC	5,510,801		Engelbrecht, et al.	04/23/1996	
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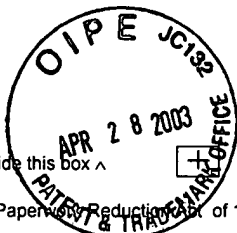
FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
JMB	BA	GB	2 222 922 A		Spectronics Micro System Ltd.	21/03/1990		
	BB	GB	2 254 508 A		James Collier Mitchison, et al.	07/10/1992		
	BC							
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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			First Named Inventor	Carl M. Panasik, et al.	
			Group Art Unit	3662	
			Examiner Name	TBD	
Sheet	2	of	2	Attorney Docket No.	TI-33829

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JMB ↓	CA	"Indoor Geolocation Using OFDM Signals in HIPERLAN/2 Wireless LANs", Xinrong Li, et al., 11 th IEEE International Symposium on Personal Indoor and Mobile Radio Communications, PIMRC 2000, Proceedings (Cat. No. 00TH8525), Proceedings of 11 th International Symposium on Personal, Indoor and Mobile Radio Communication, London, UK, 18-21 Sept., pp. 1449-1453, Vol. 2, XPO10520871, 2000, Piscataway, NJ, USA, IEEE, USA, ISBN: 9-7803-6463-5	
	CB	"Positioning Using the ATSC Digital Television Signal", Dr. Matthew Rabinowitz, et al., Rosum Whitepaper, "Online! 2001, XP002235053, Retrieved from the Internet: <URL: www.rosun.com/whitepaper_8-7-01.pdf > 'retrieved on 2003-03-13	
	CC	EP Abstract / Zusammenfassung/Abrege, 02102666.1	
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Examiner Signature	T. BLUM	Date Considered	6-4-03
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